

Elevator and Moving Stairway Manufacturing: 2002

Issued January 2005

EC02-311-333921 (RV)

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	7
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
333921, Elevator and moving stairway manufacturing	2002..	165	181	8 750	337 493	5 710	11 450	180 627	904 417	1 011 854	1 919 994	'69 586
	2001..	N	N	10 632	410 736	7 067	14 114	232 583	1 055 492	1 141 298	2 168 299	39 987
	2000..	N	N	10 515	378 044	7 175	14 020	210 244	877 323	1 063 322	1 942 203	42 875
	1999..	N	N	9 481	345 311	6 618	14 250	197 537	821 956	917 073	1 742 466	42 856
	1998..	N	N	9 489	333 280	6 048	13 055	172 004	757 162	853 942	1 615 420	50 463
	1997..	178	196	9 442	340 525	6 253	13 148	194 226	748 229	865 092	1 607 066	40 247

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333921, Elevator and moving stairway manufacturing												
United States	2	181	77	8 750	337 493	5 710	11 450	180 627	904 417	1 011 854	1 919 994	'69 586
California	5	19	4	317	16 334	165	361	5 850	22 837	21 987	44 735	'1 398
Florida	1	13	4	318	10 966	213	445	6 312	23 454	13 486	36 871	'1 334
Georgia	—	5	3	169	6 463	108	244	3 871	13 035	20 316	33 363	'531
Illinois	—	13	9	833	33 764	515	1 025	18 334	63 618	81 210	145 370	'1 849
Michigan	—	6	3	128	5 377	59	111	1 226	10 341	5 284	15 601	'65
New Jersey	7	11	4	234	9 186	175	399	5 818	16 820	14 521	31 168	'613
New York	2	21	9	840	37 294	608	1 296	20 493	80 585	53 146	133 449	'2 097
Texas	—	10	7	734	29 096	463	941	12 654	36 290	89 704	128 543	'1 122

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
333921, Elevator and moving stairway manufacturing	
Companies ¹	number.. 165
All establishments ²	number.. 181
Establishments with 1 to 19 employees	number.. 104
Establishments with 20 to 99 employees	number.. 54
Establishments with 100 employees or more	number.. 23
All employees ³	number.. 8 750
Total compensation	\$1,000.. 426 342
Annual payroll	\$1,000.. 337 493
Total fringe benefits	\$1,000.. 88 849
Production workers, average for year	number.. 5 710
Production workers on March 12	number.. 5 846
Production workers on May 12	number.. 5 819
Production workers on August 12	number.. 5 717
Production workers on November 12	number.. 5 448
Production worker hours	1,000.. 11 450
Production worker wages	\$1,000.. 180 627
Total cost of materials	\$1,000.. 1 011 854
Materials, parts, containers, packaging, etc., used	\$1,000.. 947 378
Resales	\$1,000.. 43 827
Purchased fuels	\$1,000.. 2 974
Purchased electricity	\$1,000.. 8 005
Contract work	\$1,000.. 9 670
Quantity of electricity purchased for heat and power	1,000 kWh.. 123 233
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 1 919 994
Primary products value of shipments	\$1,000.. 1 801 330
Secondary products value of shipments	\$1,000.. 25 687
Total miscellaneous receipts	\$1,000.. 92 977
Value of resales	\$1,000.. 60 983
Contract receipts	\$1,000.. 11 312
Other miscellaneous receipts	\$1,000.. 20 682
Primary products specialization ratio	percent.. 99
Value of primary products shipments made in all industries	\$1,000.. 1 854 900
Value of primary products shipments made in this industry	\$1,000.. 1 801 330
Value of primary products shipments made in other industries	\$1,000.. 53 570
Coverage ratio	percent.. 97
Value added	\$1,000.. 904 417
Total inventories, beginning of year	\$1,000.. 208 696
Finished goods inventories	\$1,000.. 32 944
Work-in-process inventories	\$1,000.. 80 221
Materials and supplies inventories	\$1,000.. 95 531
Total inventories, end of year	\$1,000.. 198 004
Finished goods inventories	\$1,000.. 43 853
Work-in-process inventories	\$1,000.. 65 589
Materials and supplies inventories	\$1,000.. 88 562
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 513 277
Total capital expenditures (new and used)	\$1,000.. '69 586
Buildings and other structures (new and used)	\$1,000.. '16 000
Machinery and equipment (new and used)	\$1,000.. '53 586
Automobiles, trucks, etc., for highway use	\$1,000.. '2 191
Computers and peripheral data processing equipment	\$1,000.. '20 569
All other expenditures for machinery and equipment	\$1,000.. '30 826
Total retirements	\$1,000.. '21 429
Gross value of depreciable assets at end of year	\$1,000.. '561 434
Depreciation charges during year	\$1,000.. '34 561
Total rental payments	\$1,000.. 19 175
Buildings and other structures	\$1,000.. 11 378
Machinery and equipment	\$1,000.. 7 797
Total other expenses ⁴	\$1,000.. 68 589
Response coverage ratio ⁵	percent.. 71
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 7 085
Communications services ⁴	\$1,000.. 2 773
Legal services ⁴	\$1,000.. 1 832
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 392
Advertising and promotional services ⁴	\$1,000.. 4 543
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 077
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 757
Management consulting and administrative services ⁴	\$1,000.. 4 494
Taxes and license fees ⁴	\$1,000.. 3 789
All other expenses ⁴	\$1,000.. 40 847

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333921, Elevator and moving stairway manufacturing											
All establishments	2	181	8 750	337 493	5 710	11 450	180 627	904 417	1 011 854	1 919 994	'69 586
Establishments with—											
1 to 4 employees	8	50	118	4 787	79	146	2 472	10 465	9 880	20 258	'340
5 to 9 employees	7	24	168	7 166	111	217	3 576	14 289	13 027	27 254	'398
10 to 19 employees	2	30	420	17 168	251	503	8 085	35 902	30 109	66 073	'1 179
20 to 49 employees	3	31	947	38 304	621	1 243	20 642	70 264	53 749	121 020	'2 033
50 to 99 employees	1	23	1 551	57 293	1 159	2 404	35 210	126 085	147 913	273 912	'7 188
100 to 249 employees	1	15	2 286	91 111	1 245	2 443	37 351	224 899	236 765	457 966	'10 684
250 to 499 employees	4	6	g	D	D	D	D	D	D	D	D
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	59	215	8 732	144	273	4 593	18 144	17 345	35 489	'572

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
333921	Elevator and moving stairway manufacturing	181	8 750	337 493	5 710	11 450	180 627	904 417	1 011 854	1 919 994	'69 586
3339211	Elevators and moving stairways	61	6 333	237 861	4 158	8 236	131 251	703 582	867 872	1 581 394	'62 171
3339213	Parts and attachments for elevators and moving stairways (sold separately)	39	1 934	81 290	1 244	2 618	40 332	164 797	110 131	268 777	'6 341

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333921	Elevator and moving stairway manufacturing	2002.. N	X	X	1 854 900
	..... 1997.. N	N	X	X	1 519 750
3339211	Elevators and moving stairways	2002.. N	X	X	1 445 867
33392111	Geared and gearless electric passenger elevator (except farm, portable, and residential lifts)	1997.. N	X	X	1 139 976
	..... 2002.. N	N	X	X	422 817
3339211101	Geared electric passenger elevators (except farm, portable, and residential lifts)	1997.. N	X	X	304 197
	..... 2002.. 17	17	X	X	282 912
3339211106	Gearless electric passenger elevators (except farm, portable, and residential lifts)	1997.. 14	X	X	208 631
	..... 2002.. 9	9	X	X	139 905
33392112	Hydraulic passenger elevators (except farm and portable)	1997.. 6	X	X	95 566
	..... 2002.. N	N	X	X	523 556
3339211211	Hydraulic passenger elevators (except farm and portable)	1997.. N	X	X	304 920
	..... 2002.. 22	22	X	X	523 556
33392113	Other elevators and moving stairways, except parts and attachments	1997.. 19	X	X	304 920
	..... 2002.. N	N	X	X	488 313
3339211316	Electric freight elevators (except farm and portable)	1997.. N	X	X	523 059
	..... 2002.. 9	9	X	X	12 118
3339211321	Hydraulic freight elevators (except farm and portable)	1997.. 9	X	X	20 381
	..... 2002.. 13	13	X	X	21 475
3339211326	Automobile lifts (service station and garage type)	1997.. 11	X	X	36 185
	..... 2002.. 14	14	X	X	200 763
3339211331	Moving stairways, escalators, and moving walkways	1997.. 9	X	X	124 702
	..... 2002.. 8	8	X	X	145 206
3339211336	Other nonfarm elevators, including sidewalk elevators, dumb waiters, man lifts, etc. (except portable elevator-stackers)	1997.. 13	X	X	245 218
	..... 2002.. 25	25	X	X	108 751
3339211Y	Elevators and moving stairways, nsk	1997.. 31	X	X	96 573
	..... 2002.. N	N	X	X	11 181
3339211YWV	Elevators and moving stairways, nsk	1997.. N	X	X	7 800
	..... 2002.. N	N	X	X	11 181
	..... 1997.. N	N	X	X	7 800
3339213	Parts and attachments for elevators and moving stairways (sold separately)	2002.. N	X	X	342 054
	..... 1997.. N	N	X	X	317 689
33392131	Parts for automobile lifts (service station), passenger and freight elevators and escalators	2002.. N	X	X	342 054
	..... 1997.. N	N	X	X	224 208
3339213101	Parts for automobile lifts (service station and garage type)	2002.. 9	X	X	32 126
	..... 1997.. 7	7	X	X	46 125
3339213106	Parts for passenger and freight elevators and escalators	2002.. 54	X	X	309 928
	..... 1997.. 42	42	X	X	178 083
3339213Y	Parts and attachments for elevators and moving stairways (sold separately), nsk	2002.. N	X	X	—
	..... 1997.. N	N	X	X	93 481
3339213YWV	Parts and attachments for elevators and moving stairways (sold separately), nsk	2002.. N	X	X	—
	..... 1997.. N	N	X	X	93 481
333921W	Elevator and moving stairway manufacturing, nsk, total	2002.. N	X	X	66 979
	..... 1997.. N	N	X	X	62 085
333921WY	Elevator and moving stairway manufacturing, nsk, total	2002.. N	X	X	66 979
	..... 1997.. N	N	X	X	62 085
333921WYWW	Elevator and moving stairway manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	34 143
	..... 1997.. N	N	X	X	25 760
333921WYWY	Elevator and moving stairway manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	32 836
	..... 1997.. N	N	X	X	36 325

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339211	Elevators and moving stairways	
	United States 2002 ..	1 445 867
	..... 1997 ..	1 139 976
	California 2002 ..	14 014
	..... 1997 ..	11 270
	Illinois 2002 ..	93 240
	..... 1997 ..	98 809
	New York 2002 ..	18 196
	..... 1997 ..	N
	Texas 2002 ..	111 853
	..... 1997 ..	118 732
3339213	Parts and attachments for elevators and moving stairways (sold separately)	
	United States 2002 ..	342 054
	..... 1997 ..	317 689
	California 2002 ..	12 189
	..... 1997 ..	N
	Illinois 2002 ..	29 683
	..... 1997 ..	31 056
	Michigan 2002 ..	30 914
	..... 1997 ..	28 729
	New Jersey 2002 ..	20 463
	..... 1997 ..	16 934
	New York 2002 ..	96 464
	..... 1997 ..	67 601
	Texas 2002 ..	12 503
	..... 1997 ..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
333921	Elevator and moving stairway manufacturing		
00900001	Total materials	X	947 378
	.....2002..	X	800 507
	.....1997..	X	
33399601	Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic)	X	35 802
	.....2002..	X	29 275
	.....1997..	X	
33399501	Fluid power cylinders and rotary actuators (hydraulic and pneumatic)	X	37 694
	.....2002..	X	29 528
	.....1997..	X	
33399901	Fluid power filters (hydraulic and pneumatic)	X	455
	.....2002..	X	D
	.....1997..	X	
33291203	Fluid power hose and tube fittings and assemblies (hydraulic and pneumatic)	X	7 438
	.....2002..	X	7 533
	.....1997..	X	
33291207	Fluid power valves (hydraulic and pneumatic)	X	2 180
	.....2002..	X	10 321
	.....1997..	X	
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	40 494
	.....2002..	X	N
	.....1997..	X	
33211101	Iron and steel forgings	X	3 486
	.....2002..	X	16 140
	.....1997..	X	
33211201	Nonferrous forgings.....	X	D
	.....2002..	X	840
	.....1997..	X	
332000AC	Metal stampings.....	X	2 629
	.....2002..	X	N
	.....1997..	X	
33151001	Iron and steel castings (rough and semifinished)	X	37 629
	.....2002..	X	24 362
	.....1997..	X	
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	X	59 932
	.....2002..	X	88 460
	.....1997..	X	
33120016	Steel sheet and strip (including tinplate)	X	79 916
	.....2002..	X	N
	.....1997..	X	
33120019	Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products)	X	19 041
	.....2002..	X	24 673
	.....1997..	X	
33120091	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling)	X	31 037
	.....2002..	X	50 039
	.....1997..	X	
33531223	Fractional horsepower electric motors (less than 1 hp), excluding timing motors	X	2 585
	.....2002..	X	N
	.....1997..	X	
33531221	Integral horsepower electric motors and generators (1 hp or more)	X	11 468
	.....2002..	X	11 709
	.....1997..	X	
33299105	Ball bearings (mounted or unmounted)	X	1 501
	.....2002..	X	8 761
	.....1997..	X	
33299103	Roller bearings (mounted or unmounted)	X	D
	.....2002..	X	D
	.....1997..	X	
33361200	Mechanical speed changers, gears, and industrial high-speed drives	X	14 733
	.....2002..	X	10 766
	.....1997..	X	
32622001	Rubber and plastics hose and belting	X	D
	.....2002..	X	9 559
	.....1997..	X	
33152011	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished)	X	949
	.....2002..	X	4 685
	.....1997..	X	
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	X	1 711
	.....2002..	X	7 679
	.....1997..	X	
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	X	15 724
	.....2002..	X	N
	.....1997..	X	
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products).....	X	2 693
	.....2002..	X	N
	.....1997..	X	
001900B1	Electrical transmission, distribution, and control equipment.....	X	56 367
	.....2002..	X	90 169
	.....1997..	X	
33591101	Storage batteries	X	55
	.....2002..	X	470
	.....1997..	X	
32621003	Pneumatic tires and inner tubes	X	D
	.....2002..	X	6
	.....1997..	X	
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product	X	7 046
	.....2002..	X	N
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies.....	X	381 799
	.....2002..	X	283 282
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	75 843
	.....2002..	X	85 154
	.....1997..	X	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.